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Michigan's Forest Resources Have Potential

Not since the turn of the century, when logging was king in Michigan's economy, has the state had available the forest resources to support an expanded industrial base.

The forest industry currently provides 60,000 jobs directly, plus additional secondary jobs. Expansion of the industry to provide three to four times this much employment in the future is feasible.

This is the consensus of the outlook sketched during Governor Milliken's forestry conference, held recently at Michigan Technological University in Houghton.

Larry Tombaugh, Michigan State University forestry department chairman, who was conference policy chairman, believes MSU has a substantial role to play in further developing Michigan's forest resources.

Only four other states have more commercial forest land than Michigan. Some 50 percent of the state is forested, but this resource has not been fully developed and managed, Tombaugh said.

Potential Is Good

"The potential is there, but until recently, interest in developing that potential was not," he said. "Now, as a result of economic problems and our dependency on outside energy sources, we seem to have a concerted movement afoot to develop this resource."

He said that much of the technology needed for increased timber production is available. "We have made some significant advances in genetics through Agricultural Experiment Station research," he pointed out. "We have also developed some excellent forest land management programs that can show landholders how to increase the value of their woodland investments."

But implementation of this knowledge has lagged due to insufficient funding. "I hope the current interest continues. It was obvious during the conference that the governor is firmly committed to moving on the issue. Yet, there are some real challenges for MSU research and Extension," Tombaugh said.

Fuels From Wood

Additional MSU Agricultural Experiment Station research could also play an important part in the expansion of Michigan's forestry industry in other areas, he said. One area that will be receiving more and more attention in the near future is the production of liquid fuels from wood. This research mandate is outlined in the federal government's $1.45-billion program on synfuels.

"If the goal is to replace 10 percent of the nation's gasoline consumption with alcohol made from wood, it would require doubling our current production of pulpwood," Tombaugh said. "This would present a huge challenge in technology and resource management, much of which we do not have in hand in the planning stages."

Part of Extension's challenge was outlined by the governor during the conference. He pointed out that 55 percent (10.5 million acres) of the state's commercial forests are owned by non-industrial private owners. This acreage will have an important role to play if the timber industry is allowed to expand.

"Landowners need to be aware of their options in managing their lands and of the programs to help with on-the-ground forestry activities," the governor said. "Landowner education is the function of the MSU Cooperative Extension Service. It is essential that the forestry aspects of Cooperative Extension be expanded to meet the enormous education needs of the state."